

Attorney Docket No.: VN-169RI

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re Application of: Rangan, et al. )

Serial No.: 09/173,582 )

Filed: October 15, 1998 )

For: DATA COMMUNICATION )  
NETWORK WITH TRANSFER )  
PORT, CASCADE PORT AND/OR )  
FRAME SYNCHRONIZING )  
SIGNAL )

Examiner: Ton, D.

Group Art Unit: 2732

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OCT 09 2002

Technology Center 2600

Assistant Commissioner for Patents  
Washington, D.C. 20231SUBMISSION OF DECLARATIONS AND SUBSTITUTE SPECIFICATION PAGES

Sir:

In response to a telephone communication from the Examiner, enclosed herewith is a new inventor declaration (executed by two of the three inventors) that in greater detail explains the error upon which the above-identified reissue is based. A declaration of Alan Loudermilk accompanies the inventor declaration, which explains the diligent, but unsuccessful, efforts, to locate the third co-inventor, Richard Thaik.

Applicant requests that the inventor declaration submitted herewith be accepted by the U.S. Patent Office, in view of the diligent efforts made to locate Mr. Thaik.

Also at the request of the Examiner, Applicant is submitting herewith substitute specification pages for columns 31 and 32. This resubmission was necessitated by the certificate of correction issued for the original patent; the newly submitted column 32 has been changed to reflect the change in the certificate of correction.

No new matter has been added by this submission. This application is submitted to be in condition for allowance and such is respectfully requested.

Applicant's attorney requests an opportunity to discuss this case with the Examiner by way of a telephone or in-person interview in order to address any additional questions, etc., that the Examiner may have.

Please charge any additional fees due, or credit any overpayment, to Deposit Account No. 50-0251.

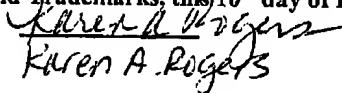
Respectfully submitted,



Alan R. Loudermilk  
Registration No. 32,788  
Attorney for Applicant(s)

December 10, 2001  
10950 North Blaney Ave., Suite B  
Cupertino, CA 95014  
408-342-1866

I hereby certify that the foregoing is being deposited with the U.S. Postal Service, postage prepaid, to the Commissioner of Patents and Trademarks, this 10<sup>th</sup> day of December, 2001.



Karen A. Rogers

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NO.573 P.6

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PTO/SB/51 (02-01)

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## REISSUE APPLICATION DECLARATION BY THE INVENTOR

Docket Number (Optional)

VN169RI

As a below named inventor, I hereby declare that:

My residence, mailing address and citizenship are stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is described and claimed in patent number 5,516,169, granted October 15, 1996, and for which a reissue patent is sought on the invention entitled Data Communication Network with Transfer Port, Cascade Port and/or Frame Synchronizing Signal, the specification of which

☐ is attached hereto.

☒ was filed on October 15, 1998 as reissue application number 09/173,582 and was amended on 5/17/00.  
(If applicable)

I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56.

I verily believe the original patent to be wholly or partly inoperative or invalid, for the reasons described below. (Check all boxes that apply.)

☐ by reason of a defective specification or drawing.☐ by reason of the patentee claiming more or less than he had the right to claim in the patent.☐ by reason of other errors.

At least one error upon which reissue is based is described below. If the reissue is a broadening reissue, such must be stated with an explanation as to the nature of the broadening:

by reason of claiming only the subject matter of claims 1-15, which is less than the full right to claim in the original application. Accordingly, new claims 16-141 were added. For example, comparing claim 16 to original claim 14, claim 14 was limited to a "receive memory device," a "transmit memory device," a "plurality of receive datapaths," and a "plurality of transmit datapaths." As the originally-filed specification makes clear, this was less than Applicant was entitled to claim, and therefore new claim 16, which parallels original claim 14, recites a "receive memory," a "transmit memory," "one or more receive datapaths," and "one or more transmit data paths." In addition, Applicant, in combination with independent claim 16, was entitled to claim the subject matter of dependent claims 17-57, but did not do so in the original application. Similar errors of claiming less than Applicant was entitled to claim can be seen from the subject matter of new claims 58-141, which include subject matter that Applicant was entitled to claim but did not in the original application.

[Page 1 of 2]

Burden Hour Statement: This form is estimated to take 0.5 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

PTO/S&S1 (02-01)

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(REISSUE APPLICATION DECLARATION BY THE INVENTOR, page 2)

Docket Number (Optional)

VN169RI

All errors corrected in this reissue application arose without any deceptive intention on the part of the applicant. As a named inventor, I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and transact all business in the United States Patent and Trademark Office connected therewith.

Name(s)

Registration Number

Alan R. Loudermilk 32788

Correspondence Address: Direct all communications about the application to:

☐ Customer Number

Type Customer Number here

Place Customer Number Bar  
Code Label here

<input checked="" type="checkbox"/> Firm or Individual Name	Loudermilk + Associates				
Address	10950 N. Blaney Avenue				
Address	Suite B				
City	Cupertino	State	CA	Zip	95014
Country	USA				
Telephone	(408) 342-1866	Fax	(408) 342-1868		
I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine and imprisonment, or both, under 18 U.S.C. 1001, and that such willful false statements may jeopardize the validity of the application, any patent issuing thereon, or any patent to which this declaration is directed.					
Full name of sole or first inventor (given name, family name)					
GEETHA N.K. RANGAN					
Inventor's signature		Geetha N.K. Rangan		Date Dec 06, 01	
Residence		U.S.A (CALIFORNIA)		Citizenship INDIA	
Mailing Address 21086, HANITA CT, CUPERTINO, CA - 95014					
Full name of second joint inventor (given name, family name)					
Inventor's signature		Date			
Residence		Citizenship			
Mailing Address					
Full name of third joint inventor (given name, family name)					
Inventor's signature		Date			
Residence		Citizenship			
Mailing Address					
<input type="checkbox"/> Additional joint inventors are named on separately numbered sheets attached hereto.					

[Page 2 of 2]

PTO/SB/51 (02-01)

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## (REISSUE APPLICATION DECLARATION BY THE INVENTOR, page 2)

Docket Number (Optional)

VN169RI

All errors corrected in this reissue application arose without any deceptive intention on the part of the applicant. As a named inventor, I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and transact all business in the United States Patent and Trademark Office connected therewith.

Name(s)

Registration Number

Alan R. Loudermilk Reg. No. 32,788

Correspondence Address: Direct all communications about the application to:



Customer Number

Type Customer Number here

Place Customer Number Bar  
Code Label here

<input checked="" type="checkbox"/> Firm or Individual Name	Loudermilk & Associates				
Address	10950 N. Blaney Avenue				
Address	Suite B				
City	Cupertino	State	CA	Zip	95014
Country	U.S.A.				
Telephone	(408) 342-1866	Fax	(408) 342-1868		
I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine and imprisonment, or both, under 18 U.S.C. 1001, and that such willful false statements may jeopardize the validity of the application, any patent issuing thereon, or any patent to which this declaration is directed.					
Full name of sole or first inventor (given name, family name) Geetha N. K. Rangan					
Inventor's signature			Date		
Residence			Citizenship		
Mailing Address					
Full name of second joint inventor (given name, family name) Debra J. Worsley					
Inventor's signature			Date 10/25/01		
Residence 1723 W. Hedding St. San Jose, CA 95126			Citizenship USA		
Mailing Address Same					
Full name of third joint inventor (given name, family name) Richard Thaik					
Inventor's signature			Date		
Residence			Citizenship		
Mailing Address					
<input type="checkbox"/> Additional joint inventors are named on separately numbered sheets attached hereto.					

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Assistant Commissioner for Patents  
Washington, D.C. 20231

DECLARATION OF ALAN R. LOUDERMILK

I, Alan R. Loudermilk, am the patent attorney prosecuting this reissue application on behalf of the Applicant.

In response to a telephone call from the Examiner, a new declaration explaining in greater detail the "at least one error upon which reissue is based" was prepared (as will be apparent from the original declaration and the newly-submitted declaration, the at least one error is Applicant claiming less than Applicant was entitled to claim, which is described in the new declaration in detail and is readily apparent from a comparison of the originally-issued claims with the claims added in this reissue). This new declaration was signed by two of the three co-inventors, Geetha N.K. Rangan and Debra J. Worsley. I have been unable to locate the third named inventor, Richard Thaik.

This declaration is provided to explain that I have made a diligent effort in attempting to locate Richard Thaik. He is no longer employed with the former assignee of the patent that is being reissued (National Semiconductor), and he is no longer employed by his last known

employer (Cisco Systems). It was at Cisco Systems in San Jose that I last met Mr. Thaik in May 1999, which was at the time of execution of the originally-submitted declaration. My recent efforts to locate Mr. Thaik include the following.

I made numerous calls to Cisco System and was unable to determine any information regarding his current whereabouts. A letter sent to Cisco Systems was returned to sender. Responses were not received to the letters sent to his last two (believed) home addresses (1566 Cleo Springs Drive, San Jose CA 95131, and 4325 Renaissance Drive, San Jose, CA 95134). Calls to directory assistance were unsuccessful. Various Internet-based searches were not successful. I attempted to track Mr. Thaik down through Purdue University, from which he graduated and to which he has contributed over the years, but the contact information that he maintained with Purdue University had not been updated.

Based on the previously friendly and cooperative interaction that I had with Mr. Thaik in 1999, it would seem that he has moved to an unknown location and has not received, or is not in position to receive, the correspondence that has been sent to him. Accordingly, and in view of the foregoing, Applicant is submitting a new Declaration executed by the remaining co-inventors and requests that this new Declaration be accepted by the US Patent Office.

I declare that all statements made herein of my knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the reissue application or any patent issued thereon.

Respectfully submitted,



Alan R. Loudermilk  
Registration No. 32,788  
Attorney for Applicants

December 10, 2001  
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